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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR INHIBITING SQUAMOUS CELL CARCINOMA USING ANTIBODIES AGAINST LAMININ

(57) Abstract: The present invention relates to compositions and methods for detecting and inhibiting squamous cell carcinoma using agents that target the laminin 5 alpha 3 G4-G5 domain.

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/001575

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K16/18 G01N33/574 A61P17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/26342 A (NORTHWESTERN UNIVERSITY) 11 May 2000 (2000-05-11) page 3, line 25 - page 4, line 15 claims; examples -----	1-43
Y	WO 01/87239 A (FIBROGEN, INC; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNI) 22 November 2001 (2001-11-22) page 6, line 30 - page 8, line 20; claims; examples page 47, line 10 - page 49, line 29 page 53, line 15 - page 60, line 32 -----	1-43
Y	US 6 294 356 B1 (JONES JONATHAN C. R ET AL) 25 September 2001 (2001-09-25) column 11, line 38 - column 12, line 67 column 19, line 36 - line 59 ----- -/--	1-43

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

25 August 2005

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07/09/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/001575

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MARINKOVICH M P ET AL: "THE ANCHORING FILAMENT PROTEIN KALININ IS SYNTHESIZED AND SECRETED AS A HIGH MOLECULAR WEIGHT PRECURSOR"</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 267, no. 25, 1992, pages 17900-17906, XP002341441</p> <p>ISSN: 0021-9258</p> <p>the whole document</p>	1-43
A	<p>MIZUSHIMA H ET AL: "IDENTIFICATION OF INTEGRIN-DEPENDENT AND -INDEPENDENT CELL ADHESION DOMAINS IN COOH-TERMINAL GLOBULAR REGION OF ALMININ-5 ALPHA3 CHAIN"</p> <p>CELL GROWTH AND DIFFERENTIATION, THE ASSOCIATION, PHILADELPHIA, PA, US, vol. 8, no. 9, September 1997 (1997-09), pages 979-987, XP008032382</p> <p>ISSN: 1044-9523</p> <p>the whole document</p>	1-43
P,A	<p>STOLTZFUS P ET AL: "LAMININ-5 GAMMA2 CHAIN EXPRESSION FACILITATES DETECTION OF INVASIVE SQUAMOUS CELL CARCINOMA OF THE UTERINE CERVIX"</p> <p>INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY, NEW YORK, NY, US, vol. 23, no. 3, July 2004 (2004-07), pages 215-222, XP008042969</p> <p>ISSN: 0277-1691</p> <p>the whole document</p>	1-43

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2005/001575

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 14-23 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/001575

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0026342	A	11-05-2000	AU 1329700 A WO 0026342 A1	22-05-2000 11-05-2000
WO 0187239	A	22-11-2001	AU 6151901 A EP 1280553 A2 WO 0187239 A2 US 2002076736 A1	26-11-2001 05-02-2003 22-11-2001 20-06-2002
US 6294356	B1	25-09-2001	NONE	